

Supplement

IPL-crenarchaeol profiles show no differences upon incubation at stations 1, 2 and 3 (Fig. S1, S2, S3, respectively).

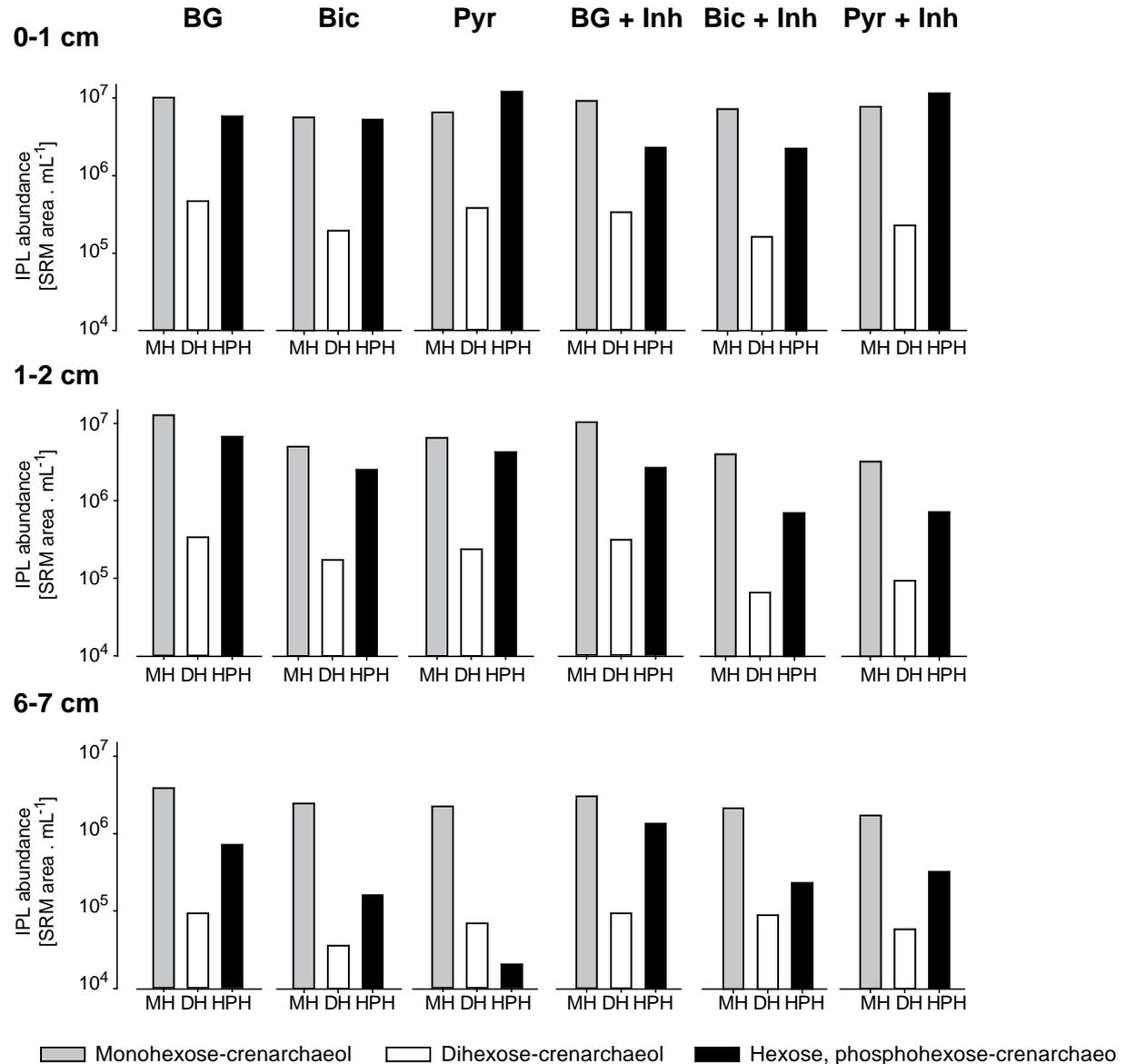


Figure S1. IPL-crenarchaeol profiles of the incubated cores - background (BG), bicarbonate (Bic) and pyruvate (Pyr) without (left plot) and with nitrification inhibitor (right plot). Top graphs shows the values in SRM area . mL⁻¹ from 0-1 cm depth, graphs in the middle the profiles from 1-2 cm depth and at the bottom the profiles from 6-7 cm depth.

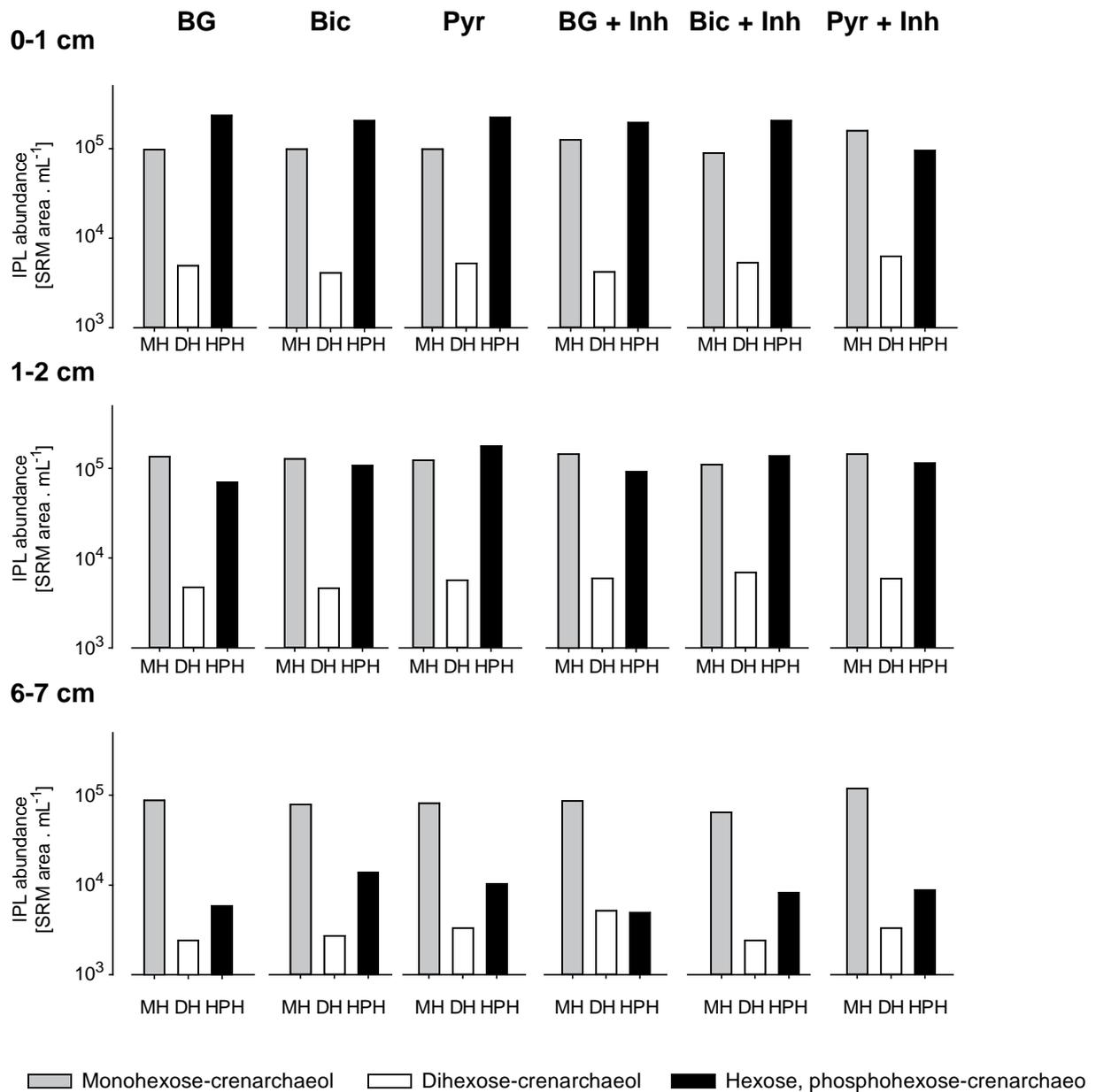


Figure S2. IPL-crenarchaeol profiles of the incubated cores - background (BG), bicarbonate (Bic) and pyruvate (Pyr) without (left plot) and with nitrification inhibitor (right plot). Top graphs shows the values in SRM area . mL⁻¹ from 0-1 cm depth, graphs in the middle the profiles from 1-2 cm depth and at the bottom the profiles from 6-7 cm depth at station 2.

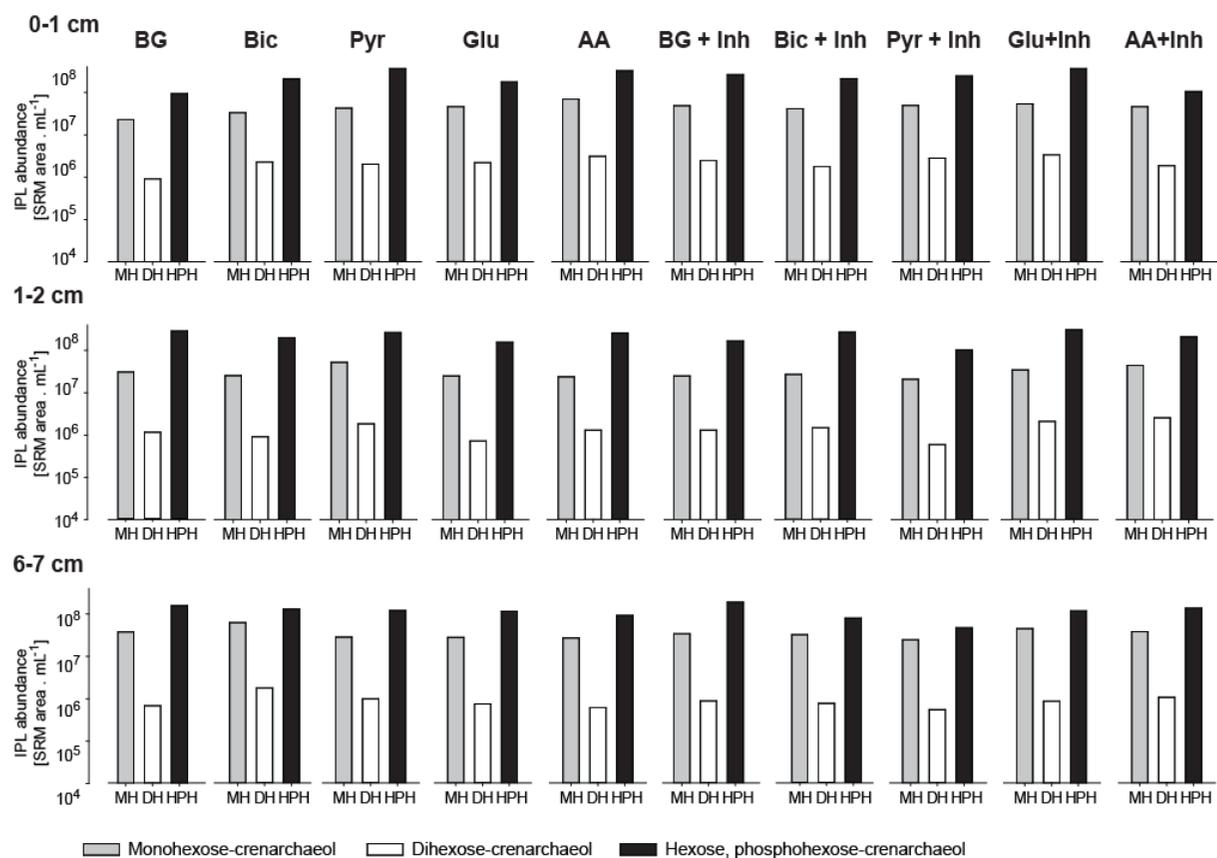


Figure S3. IPL-crenarchaeol profiles of the incubated cores - background (BG), bicarbonate (Bic), pyruvate (Pyr), glucose (Glu) and amino acids (AA) without (left plot) and with nitrification inhibitor (right plot). Top graphs shows the values in SRM area . ml⁻¹ from 0-1 cm depth, graphs in the middle the profiles from 1-2 cm depth and at the bottom the profiles from 6-7 cm depth at station 3.